Listing of Claims

1. (PREVIOUSLY PRESENTED) A cable clip with a cable segregator comprising:

an outer housing including a first end with an inner portion and an outer portion, a second end with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the first end, the second end and the side defining an open sided space;

a plurality of members extending from the inner portion of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width;

the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable; and

the outer portions of the first end, the second end and the side including first, second and rear grooves, respectively, for receiving a first edge, a second edge and a rear edge, respectively, of a mounting opening, the first and second grooves having recesses for receiving a tab formed in each of the first and second edges of the mounting opening.

2. (ORIGINAL) The cable clip of claim 1, wherein the depth of the slots is sized to receive two telecommunications cables in each slot.

3. (ORIGINAL) The cable clip of claim 2, wherein the width of the slots varies from the nominal width along the depth, with a narrower than nominal portion at the open end of the slot, and a plurality of wider than nominal portions along the depth of the slot.

4. (ORIGINAL) The cable clip of claim 3, wherein the number of slots defined within the open space is eight.

5. (ORIGINAL) The cable clip of claim 4, wherein the first end includes a pivot and the second end includes a catch, and a gate engages and rotates about the pivot and is adapted to releasably engage the catch, the gate covering the open end of the slots when

in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

6. to 11. CANCELLED

12. (CURRENTLY AMENDED) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall generally perpendicular to the first wall having a first edge, a second edge, a first side and a second side, and being connected along the first edge to the rear edge of the first wall;

a third wall generally perpendicular to the second wall having a first edge, a second edge, a first side and a second side, and the second edge of the third wall being connected to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define a channel; and

the front edge of the first wall having a plurality of mounting openings adapted to mount cable clips with segregators to organize and hold telecommunications cables and allow the cables to pass into the channel of the cable riser;

the cable clips with segregators including an outer housing with a first end with an inner portion and an outer portion, a second end with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the first end, the second end and the side defining an open sided space;

the outer portions of the first end, the second end ~~top, bottom~~ and the side of the cable clips having upper, lower and rear grooves, respectively, and the mounting openings in the front edge of the first wall have upper, lower and rear edges, the upper, lower and rear grooves receiving the upper, lower and rear edges, respectively, of the cutout, and the upper and lower grooves having recesses for receiving a tab formed in each of the upper and lower edges of the cutout.

13. (PREVIOUSLY PRESENTED) The cable riser of claim 12, wherein the cable clip with cable segregator further comprises:

a plurality of members extending from the inner portion of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width;

the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable; and

the outer housing including a trumpet flare to provide bend radius protection for telecommunications cables received in the slots.

14. (PREVIOUSLY PRESENTED) The cable riser of claim 13, wherein the depth of the slots in the cable clips is sized to receive two telecommunications cables in each slot.

15. (PREVIOUSLY PRESENTED) The cable riser of claim 14, wherein the width of the slots in the cable clip varies from the nominal width along the depth, with a narrower than nominal portion at the open end of the slot, and a plurality of wider than nominal portions along the depth of the slot.

16. (PREVIOUSLY PRESENTED) The cable riser of claim 15, wherein the number of slots in the cable clip defined within the open space is eight.

17. (PREVIOUSLY PRESENTED) The cable riser of claim 16, wherein the first end of the cable clip includes a pivot and the second end of the cable clip includes a catch, and a gate engages and rotates about the pivot and is adapted to releasably engage the catch, the gate covering the open sided space in the cable clip when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

18. CANCELLED

19. (PREVIOUSLY PRESENTED) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall generally perpendicular to the first wall having a first edge, a second edge, a first side and a second side, and being connected along the first edge to rear edge of the first wall;

a third wall generally perpendicular to the second wall having a first edge, a second edge, a first side and a second side, and being connected to the second edge of the second wall along the second edge to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define a channel;

the front edge of the first wall having a plurality of mounting openings and a plurality of cable clips with segregators mounted in the mounting openings to permit cables to pass into the channel;

a plurality of cable routing clips mounted to the first side of the first wall, the first side of the second wall and the first side of the third wall within the channel, the clips cooperating to define a plurality of generally vertical cable paths within the channel; and

each of the cables passing through the cable clips with segregators in the front edge of the first wall being held within one of the plurality of cables paths inside the riser.

20. (PREVIOUSLY PRESENTED) The cable riser of claim 19, wherein the number of cable clips with segregators and the number of cable paths provided by the cable routing clips within the riser are equal.

21. (CURRENTLY AMENDED) A method of loading cables into a cable riser comprising:

providing a telecommunications equipment rack with vertically spaced apart cable connection locations, an cable riser with walls defining a cable channel mounted adjacent to the rack, a plurality of cables attached to the cable connection locations within the rack, the cables exiting from the rack through a side wall of the rack adjacent to the cable riser and entering the cable riser through a plurality of vertically spaced apart openings in a wall of the riser, the riser having a plurality of cable paths

defined within the cable channel, the cable paths being generally vertical and horizontally spaced apart about the cable channel along the walls defining the channel;

numbering the openings sequentially from top to bottom, and numbering the cable paths sequentially from the cable path nearest the rack and nearest the front of the channel~~, and designated that the cables from each sequentially numbered opening should be placed within the corresponding sequentially numbered cable path~~;

inserting a telecommunications cable from a numbered cable opening into the corresponding numbered cable path.

22. (PREVIOUSLY PRESENTED) The method of claim 21, wherein a plurality of cable channels defined by walls of the cable riser are provided within the cable riser, each cable channel having a plurality of generally vertical, horizontally spaced apart cable paths about the channel along the walls defining the channel, each channel having a plurality of vertically spaced apart openings through which cables from the adjacent telecommunications equipment rack enter the cable riser, and each channel independently numbers and designates the openings and paths within that channel.

23. (CURRENTLY AMENDED) A cable clip comprising:

an outer housing including a first end with an inner portion and an outer portion, a second end with an inner portion ~~edge~~ and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the first end, the second end and the side defining an open sided space;

the outer portions of the first end, the second end and the side including first, second and rear grooves, respectively, for receiving a first edge, a second edge and a rear edge, respectively, of a mounting opening, the first and second grooves adapted to receive a tab formed in each of the first and second edges of the mounting opening and orient the housing within the mounting opening;

the first end including a gate and the second end including a catch, and the gate hingedly connected at the first end and adapted to releasably engage the catch, the gate covering the open sided space when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

24. (PREVIOUSLY PRESENTED) The cable clip of claim 23, wherein the outer housing includes a trumpet flare along the inner portions of the first end, the second end and the side to provide bend radius protection to cables received within the open sided space.

25. (PREVIOUSLY PRESENTED) The cable clip of claim 23, wherein a plurality of members extend from the inner portion of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width, the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable.

26. and 27. CANCELLED

28. (PREVIOUSLY PRESENTED) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall having a first edge, a second edge, a first side and a second side, and being connected along the first edge to rear edge of the first wall;

a third wall having a first edge, a second edge, a first side and a second side, and being connected to the second edge of the second wall along the second edge to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define an open sided channel;

a plurality of cable clips;

the front edge of the first wall having a plurality of mounting openings receiving the cable clips to organize and hold telecommunications cables and allow the cables to pass into the channel of the cable riser;

the mounting openings having a top edge, a side edge and a bottom edge, the top and bottom edges each including a tab extending partially into the mounting opening, the tabs being of different sizes and adapted to be received within openings in a

top and a bottom, respectively, of one of the cable clip to orient the cable clip within the mounting opening; and

each of the cable clips including a trumpet flare to provide bend radius protection for telecommunications cables received in the open sided space and passing into the open sided channel.

29. (PREVIOUSLY PRESENTED) The cable riser of claim 28, wherein the open sided channel extends generally vertically and includes a top and a bottom, the channel defining a narrower cross section at the bottom than at the top.

30. (CURRENTLY AMENDED) The cable riser of claim 28, wherein the cable clip comprises:

an outer housing including a top with an inner portion and an outer portion, a bottom with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the top, bottom and side defining an open sided space;

the bottom including a gate and the top including a catch, and the gate hingedly connected at the top and adapted to releasably engage the catch, the gate covering the open side space when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

31. (PREVIOUSLY PRESENTED) The cable riser of claim 30, wherein the outer portions of the top, bottom and side have upper, lower and rear grooves, respectively, adapted to receive the top, side and bottom edges, respectively, of the mounting opening, and the upper and lower grooves having recesses for adapted to receive the different sized tabs formed in each of the top and bottom edges, respectively, of the mounting opening.

32. (PREVIOUSLY PRESENTED) The cable riser of claim 30, wherein a plurality of cable routing clips are mounted to the first side of the first wall, the first side of the second wall and the first side of the third wall within the channel, the clips cooperating to define a plurality of generally vertical cable paths within the channel; and

each of the cables passing through the cable clips in the front edge of the first wall being held within one of the plurality of cables paths inside the riser.

33. (PREVIOUSLY PRESENTED) The cable riser of claim 32, wherein the number of cable clips and the number of cable paths provided by the cable routing clips within the riser are equal.

34. (PREVIOUSLY PRESENTED) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall having a first edge, a second edge, a first side and a second side, and being connected along the first edge to rear edge of the first wall;

a third wall having a first edge, a second edge, a first side and a second side, and being connected to the second edge of the second wall along the second edge to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define an open sided channel;

the front edge of the first wall having a plurality of mounting openings adapted to receive a cable clip to organize and hold telecommunications cables and allow the cables to pass into the channel of the cable riser; and

the mounting openings having a top edge, a side edge and a bottom edge, the top and bottom edges each including a tab extending partially into the mounting opening, the tabs being of different sizes and adapted to orient the cable clip within the mounting opening.

35. (CURRENTLY AMENDED) A cable clip with cable segregator comprising:

an outer housing including a first end with an inner portion and an outer portion, a second end with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the first end, the second end and the side defining an open sided space;

a plurality of members extending from the inner portion of the side into the open space defining a plurality of open ended cable slots within the open space, the cable slots having a depth and a width;

the members being spaced apart so that the width of the cable slots is sized to receive telecommunications cable; and

the outer portions of the first end, the second end and the side including first, second and rear grooves, respectively, for receiving a first edge, a second edge and a rear edge, respectively, of a mounting opening, the first and second grooves having recesses for receiving a tab formed in each of the first and second edges of the mounting opening.

36. (PREVIOUSLY PRESENTED) The cable clip of claim 35, wherein the depth of the slots is sized to receive two telecommunications cables in each slot.

37. (PREVIOUSLY PRESENTED) The cable clip of claim 36, wherein the width of the slots varies from the nominal width along the depth, with a narrower than nominal portion at the open end of the slot, and a plurality of wider than nominal portions along the depth of the slot.

38. (PREVIOUSLY PRESENTED) The cable clip of claim 37, wherein the number of slots defined within the open space is eight.

39. (PREVIOUSLY PRESENTED) The cable clip of claim 38, wherein the first end includes a pivot and the second end includes a catch, and a gate engages and rotates about the pivot and is adapted to releasably engage the catch, the gate covering the open end of the slots when in a closed position engaging the catch and being movable to an open position upon disengaging the catch.

40. CANCELLED

41. (PREVIOUSLY PRESENTED) A cable riser comprising:

a first wall having a front edge, a rear edge, a first side and a second side;

a second wall having a first edge, a second edge, a first side and a second side, and being connected along the first edge to rear edge of the first wall;

a third wall having a first edge, a second edge, a first side and a second side, and being connected to the second edge of the second wall along the second edge to the second edge of the second wall;

the first side of the first wall, the first side of the second wall and the first side of the third wall cooperating to define an open sided channel;

a plurality of cable clips each including an outer housing including a top with an inner portion and an outer portion, bottom with an inner portion and an outer portion, and a side with an inner portion and an outer portion, the inner portions of the top, bottom and side defining an open sided space, the bottom including a gate and the top including a catch, and the gate hingedly connected at the bottom and adapted to releasably engage the catch, the gate covering the open side space when in a closed position engaging the catch and being movable to an open position upon disengaging the catch;

the front edge of the first wall having a plurality of mounting openings receiving the cable clips to organize and hold telecommunications cables and allow the cables to pass into the channel of the cable riser;

the mounting openings having a top edge, a side edge and a bottom edge;

the inner portions of the top, bottom and side of each of the cable clips including a trumpet flare to provide bend radius protection for telecommunications cables received in the open sided space and passing into the open sided channel;

a plurality of cable routing clips mounted to the first side of the first wall, the first side of the second wall and the first side of the third wall within the channel, the clips cooperating to define a plurality of generally vertical cable paths within the channel; and

each of the cables passing through the cable clips in the front edge of the first wall being held within one of the plurality of cables paths inside the riser.